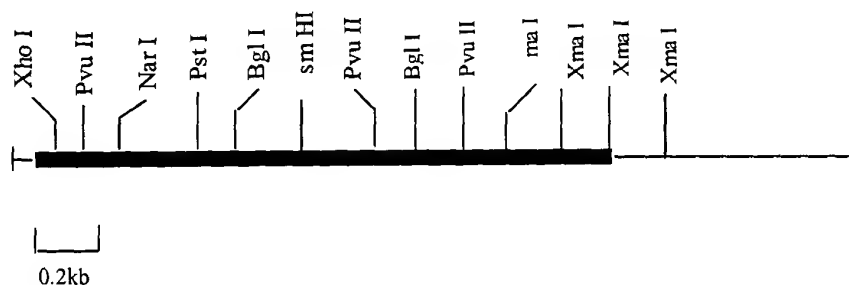


Fig. 1A



Q3

-12 39
GG GCG GAC TCT AAA ATG AAT CCC GAT CTG GAC ACC GGC CAC AAC ACA TCA GCA
M N P D L D T G H N T S A

93
CCT GCC CAA TGG GGA GAG TTG AAA GAT GCC AAC TTC ACT GGC CCC AAC CAG ACC
P A Q W G E L K D A N F T G P N Q T

147
TCG AGC AAC TCC ACA CTG CCC CAG CTG GAC GTT ACC AGG GCC ATC TCT GTG GGC
S S N S T L P Q L D V T R A I S V G

201
CTG GTG CTG GGC GCC TTC ATC CTC TTT GCC ATT GTG GGC AAC ATC CTG GTC ATC
L V L G A F I L F A I V G N I L V I

255
CTG TCA GTG GCC TGC AAT CGG CAC CTG CGG ACG CCC ACC AAC TAC TTC ATT GTC
L S V A C N R H L R T P T N Y F I V

309
AAC CTG GCC ATT GCT GAC CTG CTG TTG AGT TTC ACA GTC CTG CCC TTC TCC GCT
N L A I A D L L L S F T V L P F S A

363
ACC CTA GAA GTG CTT GGC TAC TGG GTT CTG GGG CGC ATC TTC TGT GAC ATC TGG
T L E V L G Y W V L G R I F C D I W

417
GCA GCG GTG GAC GTC CTG TGC TGT ACG GCC TCC ATC CTG AGC CTA TGT GCC ATC
A A V D V L C C T A S I L S L C A I

471
TCC ATT GAT CGC TAC ATT GGG GTG CGC TAC TCT CTG CAG TAC CCC ACT CTG GTC
S I D R Y I G V R Y S L Q Y P T L V

525
ACC CGC AGG AAG GCC ATC TTG GCA CTC CTC AGT GTG TGG GTT TTG TCC ACG GTC
T R R K A I L A L L S V W V L S T V

579
ATC TCC ATC GGG CCT CTC CTT GGA TGG AAA GAA CCA GCG CCC AAC GAC GAC AAG
I S I G P L L G W K E P A P N D D K

633
GAA TGC GGA GTC ACC GAA GAA CCC TTC TAT GCC CTC TTT TCC TCC CTG GGC TCC
E C G V T E E P F Y A L F S S L G S

687
TTC TAC ATC CCA CTC GCG GTC ATT CTG GTC ATG TAC TGC CGG GTC TAC ATC GTG
F Y I P L A V I L V M Y C R V Y I V

741
GCC AAG AGG ACC ACC AAG AAC CTG GAG GCT GGA GTC ATG AAG GAG ATG TCC AAC
A K R T T K N L E A G V M K E M S N

795

Fig. 1B

TCC	AAG	GAG	CTG	ACC	CTG	AGG	ATC	CAC	TCC	AAG	AAC	TTT	CAT	GAG	GAC	ACC	CTC	
S	K	E	L	T	L	R	I	H	S	K	N	F	H	E	D	T	L	
peptide 1																		849
AGC	AGT	ACC	AAG	GCC	AAG	GGC	CAC	AAC	CCC	AGG	AGT	TCC	ATA	GCT	GTC	AAA	CTT	
S	S	T	K	A	K	G	H	N	P	R	S	S	I	A	V	K	L	
																		903
TTT	AAG	TTC	TCC	AGG	GAA	AAG	AAA	GCA	GCC	AAA	ACC	TTG	GGC	ATT	GTG	GTC	GGA	
F	K	F	S	R	E	K	K	A	A	K	T	L	G	I	V	V	G	
																		957
ATG	TTC	ATC	TTG	TGT	TGG	CTC	CCC	TTC	TTC	ATC	GCT	CTC	CCA	CTT	GGG	TCC	CTG	
M	F	I	L	C	W	L	P	F	F	I	A	L	P	L	G	S	L	
peptide 2																		1011
TTC	TCC	ACT	CTC	AAG	CCC	CCG	GAC	GCC	GTG	TTC	AAG	GTG	GTA	TTC	TGG	CTG	GGC	
F	S	T	L	K	P	P	D	A	V	F	K	V	V	F	W	L	G	
																		1065
TAC	TTC	AAC	AGC	TGC	CTG	AAC	CCC	ATC	ATC	TAC	CCG	TGC	TCC	AGC	AAG	GAG	TTC	
Y	F	N	S	C	L	N	P	I	I	Y	P	C	S	S	K	E	F	
																		1119
AAG	CGC	GCC	TTC	ATG	CGT	ATC	CTT	GGG	TGC	CAG	TGC	CGT	AGT	GGC	CGT	CGC	CGC	
K	R	A	F	M	R	I	L	G	C	Q	C	R	S	G	R	R	R	
																		1173
GCG	CGC	CGC	CGT	CGT	CTG	GGC	GCG	TGC	GCT	TAC	ACC	TAT	CGG	CCG	TGG	ACG	CGC	
R	R	R	R	R	L	G	A	C	A	Y	T	Y	R	P	W	T	R	
																		1227
GGC	GGC	TCG	CTG	GAG	CGA	TCG	CAG	TCG	GGG	AAG	GAC	TCC	CTG	GAC	GAC	AGC	GGC	
G	G	S	L	E	R	S	Q	S	R	K	D	S	L	D	D	S	G	
																		1281
AGC	TGC	ATG	AGT	GGC	AGC	CAG	AGG	ACC	CTG	CCC	TCG	GCG	TCG	CCC	AGC	CCG	GGC	
S	C	M	S	G	S	Q	R	T	L	P	S	A	S	P	S	P	G	
																		1335
TAC	CTG	GGT	CGC	GGA	GCG	CAG	CCA	CCA	CTG	GAG	CTG	TGC	GCC	TAC	CCC	GAA	TGG	
Y	L	G	R	G	A	Q	P	P	L	E	L	C	A	Y	P	E	W	
																		1389
AAA	TCC	GGG	GCT	CTG	CTC	AGT	CTG	CCA	GAG	CCT	CCG	GGT	CGC	CGC	GGT	CGC	CTC	
K	S	G	A	L	L	S	L	P	E	P	P	S	R	R	G	R	L	
																		1443
GAC	TCT	GGG	CCC	CTC	TTC	ACT	TTC	AAG	CTC	TTG	GGA	GAG	CCG	GAG	AGC	CCG	GGC	
D	S	G	P	L	F	T	F	K	L	L	G	E	P	E	S	P	G	
																		1551
GGG	CAG	CCC	GGT	TTC	AAG	AGC	AAC	ATG	CCT	CTG	GCA	CCC	GGG	CAC	TTT	TAG	GGT	
G	Q	P	G	F	K	S	N	M	P	L	A	P	G	H	F			
peptide 3																		1605
CCC	TTT	TCT	TTC	CCC	CAC	ACA	CAC	CCC	AGG	GGG	GAG	GAC	ACC	ATT	GTG	GGG	GGC	
																		1659
GGG	GGC	ATG	GGG	GGG	AGT	GTC	AGC	CCC	GGG	TAG	ACA	CAG	GGT	CGC	AAG	GGT	ACA	
																		1713
AGG	GGG	GAG	GGG	GGC	GGG	GAG	AGG	GGC	AGC	TGC	TTT	TCT	GGC	AGG	GGC	ATG	GCT	
																		1767
GCC	AGG	TAC	AGC	GGA	GAG	CTG	GCT	GCG	CAT	GCT	GAG	AGC	CTG	GGG	ACC	CAC	CCC	
																		1821
CAA	CGC	TGG	CCG	GGA	CTT	AAG	TCT	CTC	TCT	TCT	CTC	TCT	CTG	TAT	ATA	TAT	AAA	
																		1875
GAG	TCC	CTC	TAT	ACG	TAT	TTA	TCT	GTG	GGT	ACA	CGT	GCG	TGT	GTC	TGT	GCG	GTC	
																		1929
AAC	GTG	TGG	GCT	GCA	TGG	ATG	TGT	GTT	GGG	GGC	CTG	CCC	ACT	TGC	GCG	TGC	TGG	
																		1983
GGC	AGA	GCG	AGT	GTG	TGC	CCT	GGC	AAT	GTC	AGG	TTT	GTT	GTT	TGT	CTC	TTG	ACT	

A3
Out

Fig. 1C

3
Cont

TGT	ACC	TCT	CAA	GCC	CCT	CCT	TGT	TCT	CTG	GTC	AAT	GCT	GGC	ATT	TTG	ATG	GGG	2037
TTG	GAA	ACC	AAG	TCA	GAT	ATT	AAA	AAT	CAT	TTC	TCG	TGA	AAA	AAA	AAA	AAA	AAA	2091
